2022-23

QUALITY CONTROL TEST REPORTS

Name of the Client: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency: **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of the Work: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

M/s. CIVIL QUALITY CONSULTANTS& ENGINEERS

(Buildings Geo-Tech &Road Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited as per ISO-17025: 2017 Laboratory

#133, Bhuvaneshwarinagar, DoddaBasti Main Road, Bangalore-560056
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 Mob: 9886998316

QC-ABSTRACT

Name of Work:- : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sl No.	Item	Quantity As Per BOQ	Required No's of tests	Actual No's of tests	Tests
1	Material	-	1	1	Cement
					Sand, Aggregates
2	Steel	141.12 Tonne	1	1	-
3	M25	909.95 Cum	36	36	Concrete Cube Compressive Strength
4	Block 8"	327.27 Sqm	1	1	-
5	Vitrified Tile	128.21 Sqm	1	1	-
6	PVC Pipe 25mm	40.00 Mtr	1	1	-
7	PVC Pipe 32mm	40.00 Mtr	1	1	-
8	CPVC Pipe 25mm	146.00 Mtr	1	1	-
9	CPVC Pipe 32mm	125.00 Mtr	1	1	-

Cubes

0-5 m^3	1set
6-15 m^3	2set
16-30 m^3	3set
31-50 m^3	4 set

Add 1set for every 50 Cum

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 Date: 26.10.2022

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.
Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Location : FOR GALLARY
Sample : : Cement (Dalmia 53 grade OPC)
Sample Supplied by: : AGENCY
Date of Manufacture: : September - 2022
Date of Testing : 24.10.2022 to 26.10.2022

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	145 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	375 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.50%	-

Note:
1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 Date : 26.10.2022

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.
Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Location : FOR GALLARY
Date of Testing : 26.10.2022
IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)
Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	86	8.60	8.60	91.4	90-100
2.36	154	15.40	24.00	76.0	75-100
1.18	165	16.50	40.50	59.5	55-90
600 Micron	244	24.40	64.90	35.1	35-59
300 Micron	185	18.50	83.40	16.6	8-30
150 Micron	146	14.60	98.00	2.0	0-10

Note:
1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023 Date : 26.10.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location : FOR GALLARY

Date of Testing : 26.10.2022

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	215	1.43	1.43	98.57	95-100
20	8452	56.35	57.78	42.22	30-70
10	3265	21.77	79.55	20.45	10-35
4.75	2658	17.72	97.27	2.73	0-5

Note:

1. The Material is satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 Date : 26.10.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location : FOR GALLARY

Date of Testing : 26.10.2022

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	211	4.2	4.2	95.8	95-100
10	2415	48.3	52.5	47.5	25-55
4.75	2166	43.3	95.8	4.2	0-10

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023 Date : 26.10.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location : FOR GALLARY

Date of Testing : 26.10.2022

Material : Plastering Sand Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992
10	0	0	0	100	100
4.75	13	1.30	1.30	98.7	95-100
2.36	16	1.60	2.90	97.1	95-100
1.18	35	3.50	6.40	93.6	90-100
600 Micron	75	7.50	13.90	86.1	80-100
300 Micron	265	26.50	40.40	59.6	20-65
150 Micron	541	54.10	94.50	5.5	0-15

1. The Material is satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 Date : 26.10.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location : FOR GALLARY

Date of Testing : 26.10.2022

Material : Masonry Sand Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	26	2.60	2.60	97.4	90-100
1.18	34	3.40	6.00	94.0	70-100
600 Micron	82	8.20	14.20	85.8	40-100
300 Micron	254	25.40	39.60	60.4	5-70
150 Micron	489	48.90	88.50	11.5	0-15

Note:

1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023

Date : 26.10.2022

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location FOR GALLARY and RO Plants

Steel Dia/Length : 8mm,10mm,12mm,16mm,20mm" TMT"

Reference to BIS codes : IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification

: IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature

Date of test : 26.10.2022

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH			
				0.20 % proof stress/ yield stress (N/mm^2)	Tensile strength (N/mm^2)	TS/YS ratio	Elongation, percent on gauge length
1	TMT	8	0.396	510	606	1.19	16
2	TMT	10	0.618	520	626	1.20	18
3	TMT	12	0.889	530	638	1.20	20
4	TMT	16	1.58	518	634	1.22	24
5	TMT	20	2.47	503	618	1.23	25

Note:

1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023

Date : 26.10.2022

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of the Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location FOR RO PLANTS

Date of Testing : 26.10.2022

Size of Blocks : 400mm x 200mm x 200mm

Cross Sectional Area : 80000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	33.4	325.6	4.07	2087.50	**Minimum required Compressive Strength of Individual Units 4.00 N/mm^2**
2	Block 2	34.6	328.4	4.11	2162.50	
3	Block 3	35.2	329.5	4.12	2200.00	
4	Block 4	36.1	322.1	4.03	2256.25	

Note:

1. The Material is satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 Date : 31.10.2022

TEST REPORT ON VITRIFIED TILES

*Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

*Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

*Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location FOR RO PLANTS

Technical Reference : IS: 13630 - 2006 - Method of Testing Vitrified Tiles
IS 15622 - 2006 - Specification of Vitrified Tiles

No. of Samples Tested : 05 (Five)

Date of Testing : 26.10.2022 to 31.10.2022

I. MODULUS OF RUPTURE

Sl. No.	Measured Dimension (mm)	Modulus of Rupture (N/mm^2)	Average (N/mm^2)	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	45.5	47.26	Average 47, individual minimum 44 N/mm^2
2	600 x 600 x 9.8	48.9		
3	600 x 600 x 9.9	47.4		
4	600 x 600 x 9.8	46.3		
5	600 x 600 x 9.8	48.2		

II. CHEMICAL RESISTANCE

Sl. No.	Measured Dimension (mm)		Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	No visible effect	Class AA, mm (13630 Part 8)
2	600 x 600 x 9.8	No visible effect	
3	600 x 600 x 9.9	No visible effect	
4	600 x 600 x 9.8	No visible effect	
5	600 x 600 x 9.8	No visible effect	

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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III. STAIN RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	Stain Removed by Water	Class 1, min (13630 Part 8)
2	600 x 600 x 9.8	Stain Removed by Water	
3	600 x 600 x 9.9	Stain Removed by Water	
4	600 x 600 x 9.8	Stain Removed by Water	
5	600 x 600 x 9.8	Stain Removed by Water	

Note:

1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Job No.: CQCE/BBMP/NCR/17/2022-2023 : 26.10.2022

TEST REPORT ON PVC PIPE

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.
Name of Work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Location	For RO Plant
Sample Supplied by	: AGENCY
BIS Code	IS 4985:2000
Sample Identification	PVC pipe 25mm dia
Date of Testing	: 26.10.2022

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	28.5	25 mm
2	Mean Outside Diameter (mm)	28.5	Min 25 mm Max 25 mm
3	Outside Diameter at Any Point (mm)	28.6	Min 24.5 mm Max 25.5 mm

Note:

1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 : 26.10.2022

TEST REPORT ON PVC PIPE

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location For RO Plant

Sample Supplied by :AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 32mm dia

Date of Testing : 26.10.2022

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	28.5	32 mm
2	Mean Outside Diameter (mm)	28.5	Min 32 mm Max 32.3 mm
3	Outside Diameter at Any Point (mm)	28.6	Min 31.5 mm Max 32.5 mm

Note:

1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Job No.: CQCE/BBMP/NCR/17/2022-2023 26.10.2022

TEST REPORT ON CPVC PIPE

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location For RO Plant

Sample Supplied by: :AGENCY

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 25mm dia

Date of Testing 26.10.2022

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	28.5	28.6 mm
2	Mean Outside Diameter (mm)	28.5	Min 28.5 mm Max 28.7 mm
3	Outside Diameter at Any Point (mm)	28.60%	Min 28.4 mm Max 28.8 mm
4	Density	1485 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023 Date:18.07.2020

TEST REPORT ON CPVC PIPE

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.

Agency : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.

Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Location For RO Plant

Sample Supplied by: :AGENCY

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 32mm dia

Date of Testing : 26.10.2022

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	34.9	34.9 mm
2	Mean Outside Diameter (mm)	34.9	Min 34.8 mm Max 35 mm
3	Outside Diameter at Any Point (mm)	34.8	Min 34.7 mm Max 35.1 mm
4	Density	1470 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

Note:

1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS
ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017
Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023

09.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.
Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (For Footings)

Location For Gallery (From West to East(South Side)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	09.11.2022	8.051	402.1	17.87
2	02.11.2022	09.11.2022	8.069	416.9	18.53
3	02.11.2022	09.11.2022	8.112	421.3	18.72

Note:
1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 30.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (For Footings)

Location For Gallery (From West to East(South Side)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	30.11.2022	8.145	599.2	26.63
2	02.11.2022	30.11.2022	8.009	605.7	26.92
3	02.11.2022	30.11.2022	8.132	616.1	27.38

Note:
1. The Material is satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023

09.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (For Footings)
Location For Gallery (From West to East(South Side)
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{25}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	09.11.2022	8.183	403.5	17.93
2	02.11.2022	09.11.2022	8.196	411.6	18.29
3	02.11.2022	09.11.2022	8.001	428.9	19.06

Note:
1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

30.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Footings)
Location	For Gallery (From West to East(South Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	30.11.2022	8.149	609.2	27.08
2	02.11.2022	30.11.2022	8.003	613.6	27.27
3	02.11.2022	30.11.2022	8.171	632.9	28.13

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (Columns upto plinth)

Location For Gallery (From West to East(South Side)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	09.11.2022	8.009	407.6	18.12
2	02.11.2022	09.11.2022	8.120	421.2	18.72
3	02.11.2022	09.11.2022	8.157	435.4	19.35

Note:
1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (Columns upto plinth)

Location For Gallery (From West to East(South Side)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	30.11.2022	8.032	603.2	26.81
2	02.11.2022	30.11.2022	8.157	614.9	27.33
3	02.11.2022	30.11.2022	8.092	626.9	27.86

Note:
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Job No.: CQCE/BBMP/NCR/17/2022-2023 09.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (For Plinth Beams)

Location For Gallery (From West to East(South Side)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	09.11.2022	8.154	382.6	17.00
2	02.11.2022	09.11.2022	8.021	390.4	17.35
3	02.11.2022	09.11.2022	8.087	402.3	17.88

Note:
1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023 30.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	: **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Plinth Beams)
Location	For Gallery (From West to East(South Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	30.11.2022	8.023	608.1	27.03
2	02.11.2022	30.11.2022	8.187	628.2	27.92
3	02.11.2022	30.11.2022	8.092	634.5	28.20

Note:
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Job No.: CQCE/BBMP/NCR/17/2022-2023 09.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
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Sample ID	: Cement Concrete (For Footings)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	09.11.2022	8.127	400.0	17.78
2	02.11.2022	09.11.2022	8.062	410.0	18.22
3	02.11.2022	09.11.2022	8.187	390.0	17.33

Note:
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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Footings)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.11.2022	30.11.2022	8.196	601.6	26.74
2	02.11.2022	30.11.2022	8.012	613.3	27.26
3	02.11.2022	30.11.2022	8.187	622.4	27.66

Note:

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Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
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Sample ID	: Cement Concrete (For Footings)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	10.11.2022	8.099	405.3	18.01
2	03.11.2022	10.11.2022	8.154	412.8	18.35
3	03.11.2022	10.11.2022	8.082	428.7	19.05

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023 01.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Footings)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	01.12.2022	8.187	611.3	27.17
2	03.11.2022	01.12.2022	8.152	628.2	27.92
3	03.11.2022	01.12.2022	8.012	635.5	28.24

Note:
1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
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Sample ID	: Cement Concrete (Columns upto plinth)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	10.11.2022	8.136	405.1	18.00
2	03.11.2022	10.11.2022	8.029	406.9	18.08
3	03.11.2022	10.11.2022	8.087	438.1	19.47

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

01.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	: **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (Columns upto plinth)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	01.12.2022	8.158	615.9	27.37
2	03.11.2022	01.12.2022	8.026	624.1	27.74
3	03.11.2022	01.12.2022	8.019	643.2	28.59

Note:

1. The Material is satisfied as per the Requirements.

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ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 10.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	: **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Plinth Beams)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	10.11.2022	8.184	411.2	18.28
2	03.11.2022	10.11.2022	8.052	422.3	18.77
3	03.11.2022	10.11.2022	8.196	405.8	18.04

Note:
1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY
CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 01.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	: **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Plinth Beams)
Location	For Gallery (From West side to East(Corner)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	01.12.2022	8.096	618.2	27.48
2	03.11.2022	01.12.2022	8.137	622.8	27.68
3	03.11.2022	01.12.2022	8.082	631.2	28.05

Note:
1. The Material is satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023

10.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Footings F1)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	10.11.2022	8.055	389.3	17.30
2	03.11.2022	10.11.2022	8.177	394.5	17.53
3	03.11.2022	10.11.2022	8.062	405.1	18.00

Note:

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Job No.: CQCE/BBMP/NCR/17/2022-2023

01.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	: **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (For Footings F1)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	01.12.2022	8.015	613.0	27.24
2	03.11.2022	01.12.2022	8.063	620.8	27.59
3	03.11.2022	01.12.2022	8.002	632.1	28.09

Note:

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Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
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Sample ID	: Cement Concrete (Columns upto plinth)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	10.11.2022	8.142	413.0	18.36
2	03.11.2022	10.11.2022	8.169	422.0	18.76
3	03.11.2022	10.11.2022	8.002	430.8	19.15

Note:
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Sample ID	: Cement Concrete (Columns upto plinth)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.11.2022	01.12.2022	8.174	602.6	26.78
2	03.11.2022	01.12.2022	8.052	622.8	27.68
3	03.11.2022	01.12.2022	8.196	633.4	28.15

Note:
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Sample ID	: Cement Concrete (For Plinth Beams)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	11.11.2022	8.142	382.2	16.99
2	04.11.2022	11.11.2022	8.037	395.4	17.57
3	04.11.2022	11.11.2022	8.189	400.1	17.78

Note:
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Job No.: CQCE/BBMP/NCR/17/2022-2023

02.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	02.12.2022	8.196	609.2	27.08
2	04.11.2022	02.12.2022	8.021	624.8	27.77
3	04.11.2022	02.12.2022	8.137	633.2	28.14

Note:

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Sample ID	: Cement Concrete (Columns Above plinth)
Location	For Gallery (From West to East (South Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	11.11.2022	8.021	418.5	18.60
2	04.11.2022	11.11.2022	8.157	429.6	19.09
3	04.11.2022	11.11.2022	8.029	435.4	19.35

Note:

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Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	02.12.2022	8.177	618.7	27.50
2	04.11.2022	02.12.2022	8.029	624.5	27.76
3	04.11.2022	02.12.2022	8.187	633.9	28.17

Note:

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Job No.: CQCE/BBMP/NCR/17/2022-2023 11.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
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Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (Back Floor Bed)

Location For Gallery (From West to East (South Side)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	11.11.2022	8.093	413.2	18.36
2	04.11.2022	11.11.2022	8.127	426.9	18.97
3	04.11.2022	11.11.2022	8.021	435.4	19.35

Note:
1. The Material is satisfied as per the Requirements.

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Sample ID : Cement Concrete (Back Floor Bed)

Location For Gallery (From West to East (South Side)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	02.12.2022	8.034	585.6	26.03
2	04.11.2022	02.12.2022	8.187	592.3	26.32
3	04.11.2022	02.12.2022	8.025	600.1	26.67

Note:
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Sample ID	: Cement Concrete (Columns Above plinth)
Location	For Gallery (From West to East(Corner Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	11.11.2022	8.037	388.9	17.28
2	04.11.2022	11.11.2022	8.154	392.3	17.44
3	04.11.2022	11.11.2022	8.029	410.0	18.22

Note:

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Job No.: CQCE/BBMP/NCR/17/2022-2023

02.12.2022

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Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	02.12.2022	8.124	612.2	27.21
2	04.11.2022	02.12.2022	8.026	623.3	27.70
3	04.11.2022	02.12.2022	8.197	634.4	28.20

Note:

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 11.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (Back Floor Bed)
Location	For Gallery (From West to East(Corner Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	11.11.2022	8.022	407.7	18.12
2	04.11.2022	11.11.2022	8.187	416.2	18.50
3	04.11.2022	11.11.2022	8.092	435.0	19.33

Note:
1. The Material is satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY
CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023

02.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	: **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (Back Floor Bed)
Location	For Gallery (From West to East(Corner Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.11.2022	02.12.2022	8.127	608.2	27.03
2	04.11.2022	02.12.2022	8.137	629.3	27.97
3	04.11.2022	02.12.2022	8.025	635.4	28.24

Note:

1. The Material is satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023

12.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (Columns Above plinth)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.11.2022	12.11.2022	8.052	402.8	17.90
2	05.11.2022	12.11.2022	8.167	424.5	18.87
3	05.11.2022	12.11.2022	8.092	435.6	19.36

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

03.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (Columns Above plinth)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.11.2022	03.12.2022	8.157	619.9	27.55
2	05.11.2022	03.12.2022	8.009	629.2	27.96
3	05.11.2022	03.12.2022	8.127	639.4	28.42

Note:

1. The Material is satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NCR/17/2022-2023 12.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (Back Floor Bed)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.11.2022	12.11.2022	8.052	409.2	18.19
2	05.11.2022	12.11.2022	8.113	422.3	18.77
3	05.11.2022	12.11.2022	8.169	435.4	19.35

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

03.12.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work	: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore
Sample ID	: Cement Concrete (Back Floor Bed)
Location	For Gallery (From South to North (East Side)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.11.2022	03.12.2022	8.128	617.7	27.45
2	05.11.2022	03.12.2022	8.164	623.6	27.72
3	05.11.2022	03.12.2022	8.003	635.4	28.24

Note:

1. The Material is satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NCR/17/2022-2023

12.11.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP,
Contractor : **M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor,
Name of the work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Sample ID : Cement Concrete (For Waist Beams)
Location For Gallery (From West to East(South Side)
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{25}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.11.2022	12.11.2022	8.147	416.5	18.51
2	05.11.2022	12.11.2022	8.183	427.8	19.01
3	05.11.2022	12.11.2022	8.001	433.9	19.28

Note:
1. The Material is satisfied as per the Requirements.

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